

WE CLAIM:

1. An algorithm for detecting and characterizing a subject's old myocardial infarct (MI) comprising

collecting that subject's ECG data from several preselected, standard ECG leads,

5 establishing, in relation to selected characteristics of that subject's personal data, such as, *inter alia*, sex, age, race, history of confounding and/or excluder conditions, a set of ECG-data criteria to examine, including R/Q and R/S voltage-amplitude ratio criteria,

examining such established criteria set, and

10 from said examining, generating an output indicative of the desired detecting and characterizing of an MI.

15 2. The algorithm of claim 1, wherein the established R/Q and R/S ratio criteria are associated variously with one or more of ECG leads I, AVL, AVF, VI, V2, V4, V5, V6, V4R and V8.

3. A method for implementing the algorithm of claim 1.

20 4. A method for implementing the algorithm of claim 2.